

## Competency-based Assessment

As a competency-based course, students work to develop the skills and knowledge described in each unit of competency rather than to receive a grade or mark. To be assessed as competent, a student must demonstrate that they can effectively carry out tasks to a required standard in an Electrotechnology environment. There is no mark awarded for these assessments but rather, students are assessed as either 'competent' or 'not yet competent'. Students are provided multiple attempts to achieve competency and are supported to achieve success!

## Work Placement

Work placement is a mandatory HSC requirement. Students must complete a minimum of 70 hours of work placement. This is arranged in two separate work placement weeks (35 hours each). Youth Express are our Work Placement Service Provider and work with our students to source suitable placements. A fee is associated with this service and SPCC absorb this in your school fees.

We encourage students to make the most of these experiences as it gives potential employers an opportunity to see you in action!

## Uniform

Students wear a VET uniform shirt that can be purchased from the SPCC Uniform Shop. This is worn with blue or black drill shorts or pants and steel capped boots.



### RTO: AIS NSW

This course is delivered under the RTO: The Association of Independent Schools (AIS NSW). RTO No. 90413  
[www.aisnsw.edu.au](http://www.aisnsw.edu.au)

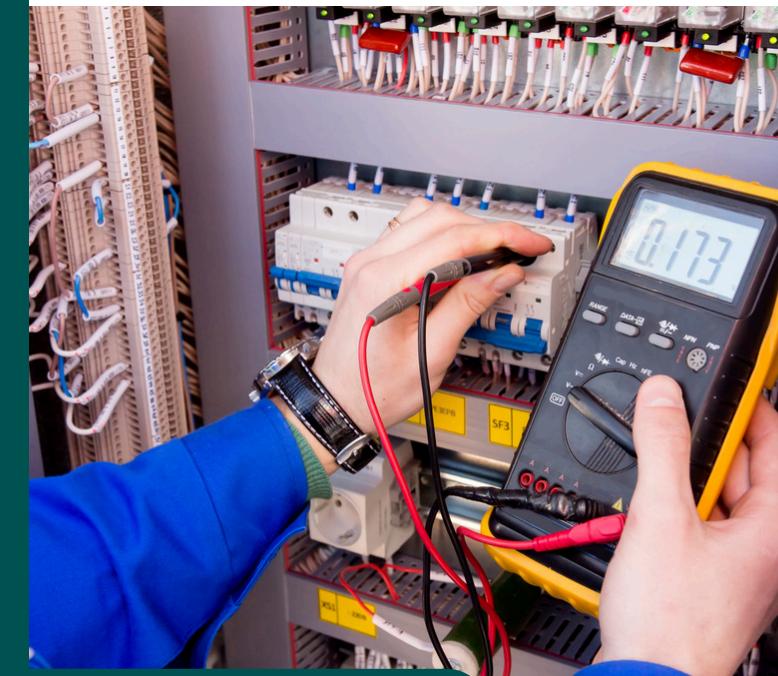
### Want to find out more?

For further information about this course please contact:

Mr Michael Zoneff  
VET Electrotechnology Teacher  
[michael.zoneff@spcc.nsw.edu.au](mailto:michael.zoneff@spcc.nsw.edu.au)  
(02) 4919 5400



# Certificate II in Electrotechnology (Career Start)



UEE22020



**St Philip's Christian College**  
FOR THE WHOLE OF LIFE



## Why Choose Electrotechnology?

VET Electrotechnology Course is for students who wish to develop a range of technical, practical, personal and organisational knowledge and skills valued in the Electrotechnology Industry. It provides grounding in safety and basic skills and knowledge for work in any electrotechnology discipline. Through classwork theory, practical lessons and work placement, students will gain valuable experiences that can be applied in a range of contexts.

## Study Pathways and Careers

You will work towards a nationally recognised AQF qualification: UEE22020 Certificate II in Electrotechnology (Career Start) or a Statement of Attainment for the units you achieve.

After school, you could progress to a Certificate III in Electrotechnology Electrician at TAFE.

Many students choose to transition to an apprenticeship after school, applying everything they have learnt in the course and earning an income under the guidance of a reputable electrician!

## What do you do in Electrotechnology?

In this practical and industry-focused course, students develop essential skills for working in the construction and energy sectors. They earn their White Card, apply work health and safety practices, solve basic electrical problems, and work with circuits, components, tools, and technical diagrams. The course also covers connecting electrical equipment and applying sustainable energy solutions in residential settings. Learning is hands-on and school-based, with regular assessments and strong industry links through work placement, community projects, and term excursions. These experiences provide valuable opportunities to build confidence and apply skills in real-world environments alongside practicing electricians.

## Preliminary & HSC Course

VET Electrotechnology is an Industry Curriculum Framework Course that extends over two years. This subject contributes 2 units towards your pattern of study in Year 11 and in Year 12. In Year 12, there is an optional HSC exam that can contribute towards your ATAR.



## Course Content

The Certificate II in Electrotechnology (Career Start) Course is organised around core units and a selection of elective units. Students complete the following units over two years:

- Prepare to work safely in the Construction Industry (White Card Certificate)
- Apply Work, Health & Safety
- Solve problems with single path circuits
- Fabricate, assemble & dismantle utilities industry components
- Carry out routine work activities in an energy sector environment
- Identify and select components, accessories and material for energy sector work activities
- Provide solutions and report on routine electrotechnology problems
- Fix and secure electrotechnology equipment
- Use routine equipment/plant/technologies in an energy sector environment.
- Attach cords and plugs to electrical equipment for connection to a single phase 230-volt supply
- Use drawings, diagrams, schedules, standards, codes and specifications.
- Apply environmental and sustainable procedures in the energy sector
- Provide basic sustainable energy solutions for energy reduction in residential premises